Appl. No. 10/554,710 Amendment dated December 12, 2006 Reply to Office Action of August 29, 2006

## AMENDMENTS TO THE SPECIFICATION:



Please remove the paragraph beginning at page 1, line 1 as follows:

## **SPECIFICATION**

Please replace the paragraph beginning at page 1, line 10 with the following rewritten version:

The impeller 103 comprises a hub 131, numerous vanes 133, 133, ... and an annular member 132. With the impeller 103, one ends end 133c of the numerous vanes 133, 133, ... are fixed to the hub 131 capable of rotating about a shaft core, and are provided and arranged spaced apart by a predetermined spacing in the circumferential direction. In addition, with the impeller 103, the annular member 132, which is for reinforcement, is mated and fixed to the outer circumference of the end parts 133d on the opposite side of the numerous vanes 133, 133, .... This impeller 103 is housed inside the fan housing 104.

Please replace the paragraph beginning at page 2, line 4 with the following rewritten version:

In the case of the multi-vane centrifugal fan having a shroudless structure, a vane width W1 of the vane 133 is fixed from an air inlet side edge part 133a (the portion on the shaft core side) to an air outlet side edge part 133b (the portion on the side opposite the shaft core), as depicted in FIG. 9, for example. In addition, the shape of the end part 133d on the air suction port 105 side is also flat, the same as the portion on the hub 131 side. Accordingly, the sealing performance is low in the vicinity of the air suction port 105. Consequently, as depicted in FIG. 7, for example, a reverse flow region R is generated in the vicinity of the end part 133d (refer to FIG. 9) on the air suction port 105 side of the air outlet side edge part 133b of the vane 133, and there is consequently a problem of increased aerodynamic noise because of the increased relative velocity of the blow blown out air flow in the vicinity of the air outlet side edge part 133b of the vane 133.